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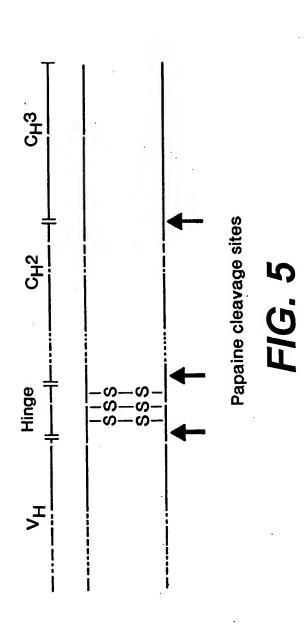
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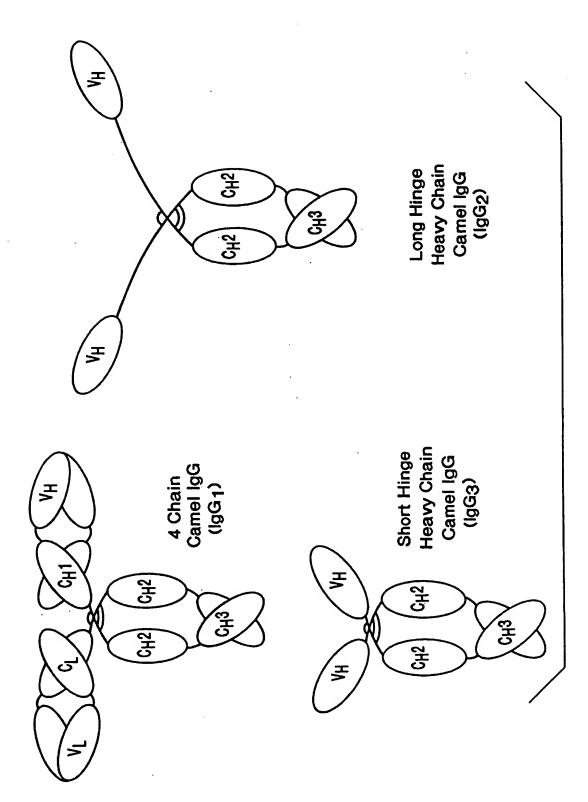
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F/G. 6



SEQID NO: 92 DRO 1006 SEQID NO: 93 DR27006 SEQID NO: 94 DRO 3006 SEQID NO: 95 DR24006 SEQID NO: 95 DR24006 SEQID NO: 97 DR16006 SEQID NO: 98 DR19006 SEQID NO: 100 DR16006 SEQID NO: 100 DR20006 SEQID NO: 100 DR17006 SEQID NO: 100 DR13006 SEQID NO: 100 DR13006 SEQID NO: 100 DR02006	CAGGTGA CAGGTGA CAGGTGA CC C C C	TCGAGTCGAGAACTGCTCGAGAACTGCTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAG	TCTGGGGGAGG TCTGGGGGAGG TCTGGAGGAGG TCTGGGGGAGG TCTGGAGGAGG TCTGGAGGAGG TCTGGAGGAGG TCTGGAGGAGG TCTGGGGGAGG TCTGGGGGAGG TCTGGGGGAGG TCTGGGGGAGG TCTGGGGGAGG TCTGGGGGAGG TCTGGGGGAGG TCTGGGGGAAGG TCTGGGGGAAGG TCTGGGGGAAGG
DR01006 DR27006 DR03006 DR11006 DR11006 DR16006 DR19006 DR16006 DR20006 DR20006 DR21006 DR21006 DR21006 DR21006 DR17006 DR13006 DR13006	ATCGGTGCAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT CTCGGTGCAGACTGGAGGGT GTCGGTGCAGGCTGGAGGGT GTCGGTGCAGGCTGGAGGGT CTCGGTTCAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT CTCGGTACAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT CTCGGTGCAGGCTGGAGGGT	CTCTGAGACTCTCCTGTGGC CTCTGAGACTCTCCTGTGA CTCTGAGACTCTCCTGTAA CTCTGAGACTCTCCTGTGG CCCTTAGACTCTCCTGTGG CTCTGAGACTCTCCTGTGG CTCTGAGACTCTCCTGTGG CTCTGAGACTCTCCTGTGG CTCTGAGACTCTCCTGTAA CCTCTGACACTCTCCTGTAA CCTCTGACACTCTCCTGTAA	CATCTTCTTCTA CAGTC-TCTG ATGTC-TCTG ATGTC-TCTG CAGCC-TCTG CAGCC-TCTG CAGGCTCTG CAGCCTCTG CAGCCTCTG CAGCCTCTG CAGCCTCTG CAGCCTCTG CAGTTTCTG CAGTTTCTG CAGCCTCTG
DR01006 DR27006 DR03006 DR11006 DR14006 DR16006 DR19006 DR07006 DR20006 DR25006 DR20006 DR21006 DR21006 DR17006 DR13006 DR13006 DR02006	GATACACGTACGGTAGATTCCCCTATAGTAGATTCCCCTATAGTAGATTGACTTTTGATAGATTCAATTTCGAAAAGAGATACTGGGAGGGCCACCTACAGT	ACCTACGACAT-GACCTGG ACCTACTTGTAT-GGCCTGG ACTTATTGCCT-GGGCTGG ACTTATTGCAT-GGCCTGG GATTATTGCAT-GGCCTGG ACCTTCTGTAT-GGGCTGG ACCTTCTGTAT-GGGCTGG ACCTTCTGTAT-GGCCTGG ACTTCTCGTAT-GGCCTGG ACCTACACTTTGGCCTGG ACCTACAGTATTGGA-TGG	TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT TTCCGCCAGGCT



DR01006 DR27006 DR03006 DR11006 DR14006 DR16006 DR19006 DR16006 DR20006 DR25006 DR25006 DR21006 DR21006 DR21006 DR21006 DR21006 DR21006	CCAGGAACGAGCGCGAGTTCGTCTCCAGTATGGATCCGGATGGAAATAC CCAGGCAAGGAGCGCGAATTTGTCTCAAGTATAAATATTGATGGTAAGAC TCAGGAAAGCAGCGTGAGGGGGTCGCAGCCATTAATAGTGGCGTGGTAG CCAGGGAAGGAGCGTGAGGGGGTCACAGCGATTAACACTGATGG CCAGGGAAGGAGCGTGAGGGGGTCACAGCGATTAACACTGATGG CCAGGGAAGGAGCGTGAGGGGGTCGCAACAATTAATGGTGGTCG CCAGGGAAGGAGCGTGAATTGGTCGCAACTATTCTTAATGGTGGTACTAA CCAGGGAAGGAGCGTGAGGGGGTCGCAACTATTCTTAATGGTGGTACTAA CCAGGGAAGGAGCGTGAGGGGGTCGCGAACTATTATTTTGGTGATGGTGG CCAGGGAAGGAGCGCGAGGGGGTCGCAAGTATATATTTTTGGTGATGGTGG CCAGGGAAGTGGTGCAAATTGGTCTCAAGTATTTACAGTGATGGTACT-C CCAGGAAATGTGTGTGAGTTGGTCTCAAGTATTTACAGTGATGGTAA CCAGGGAAAGAGCGCGAAAGGGTCGCAGTTCTTTCGACTAAGGATGGTAA CCAGGGAAAGAGTGCGAAAGGGTCGCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGTG CCAGGGAAGGACCGTGAAGTAGTCGCAGCCGCTAATACTGGAAGGAC CCAGGGAAGGAGCGCGAAGTGGTCCCAAGCATTCAAAGTAATGGAAGGAC
DR01006 DR27006 DR03006 DR11006 DR14006 DR16006 DR19006 DR07006 DR20006 DR25006 DR25006 DR21006 DR21006 DR17006 DR17006 DR13006 DR13006	CAAGTACACATACTCCGTGAAGGGCCGCTTCACC AACATACGCAGACTCCGTGAAGGGCCGATTCACC GACATACTA-CAACACATATGTCGCCGAGTCCGTGAAGGGCCGATTCACC CAGTATCAT-ATACGCAGCCGACTCCGTGAAGGGCCGATTCACC CAGTGTCAT-ATACGCAGCCGACTCCGTGAAGGGCCGATTCACC CAGTGTCAT-ATACGCAGCCGACTCCGTGAAGGGCCGATTCACC TACTCGC-C-TCACAGACTACGCCGACTCCGTGAAGGGCCGATTCACC CACACTACTATGCCGACTCCGTGAAGGGCCGATTCACC CACACTACTATGCCGACTCCGTGAAGGGCCGATTCACC CACACACACACTACTATGCCGACTCCGTGAAGGGCCGATTCACC CACACACACACACTCGCCGACTCCGTGAAGGGCCGATTCACC CACACACACACTACTACGTCGACCTGAAGGGCCGATTCACC GACATTCTATGCCGACTCCGTGAAGGGCCGATTCACC GACATTCTATGCCGACTCCGTGAAGGGCCGATTCACC CACACACACACACTCCGTGAAGGGCCGATTCACC CACCACACACACACCCGTGAAAGGCCCGATTCACC CACCACACACACCCCGTGAAGGGCCGATTCACC CACCACACACACCCCGTGAAGGGCCGATTCACC CACCACACACACCCCGTGAAGGGCCGATTCACC CACCACACACACCCCGTGAAGGGCCGATTCACCC
DR01006 DR27006 DR03006 DR11006 DR14006 DR16006 DR19006 DR07006 DR25006 DR25006 DR25006 DR21006 DR21006 DR17006 DR17006 DR17006 DR17006 DR13006 DR02006	ATGTCCCAAGACACCGAGTACACAGTATTTCTGCAAATGGACAATCT ATCTCCCAAGACAGCGCCAAGAACACGGTGTATCTGCAGATGAACAGCCT ATCTCCCAAGACACGCCAAGAACACGGTATATCTTGATATGAACAACCT ATCTCCCAAGACACCGCCAAGGAAACGGTACATCTCCAGATGAACAACCT ATCTCCCAAGACACCGCCAAGAAAACGGTATATCTCCAGATGAACAACCT ATCTCCCAAGACACCCCCAAGAATACGGTGTATCTGCAGATGAACAGCCT ATCTCCCAAGGCAACACCAAGAATACGGTGTATCTGCAAATGAACAGCCT ATCTCCCAAGGCAACACCCAAGAATACGGTGTTTCTGCAAATGAACAACCT ATCTCCCAAGGCAACACGCCCAAGAATACGGTGTTTCTGCAAATGAACAGCCT ATCTCCCAAGCTCAACGCCCAAGAATACATTGTATCTACAACTGAGCGCCT ATCTCCTAGAGACAACGCCCAAGAATACATTGTATCTACAACTGAGCGCCT ATCTCCCGAGACAACGCCCAAGAATACATTGTTTTTGCGAATGAACAGCCT ATCTCCCCAAGACAACGCCCAAGAATACCGTTGTCTTTTGCGAATGAACAGCCT ATCTCCCCAAGACAACGCCCAAGAATACCGTTGTCTTTTGCCAAATGAGCTCCT ATCTCCCCACGACAACCCCCAAGAACACCGCTGTATCTCTCCAAATGAGCTTCCT ATCTCCCCACGACAACCCCCAAGAACACACGTTTCTCTCCAAATGAACCACCT ATCTCCCCACGACAACCCCCAAGAACACACGTTTCTTCTCCAAATGAACAGCCT

FIG. 7B

OIPE CO

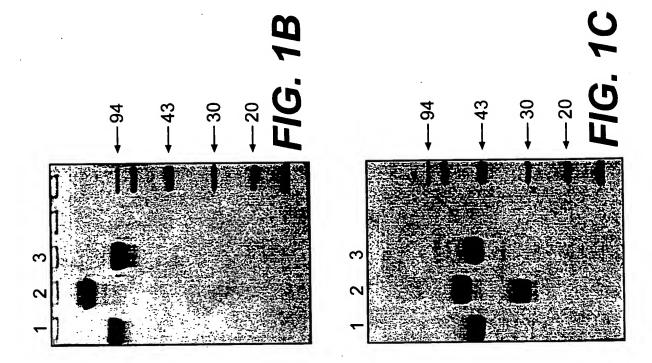
Replacement Sheet

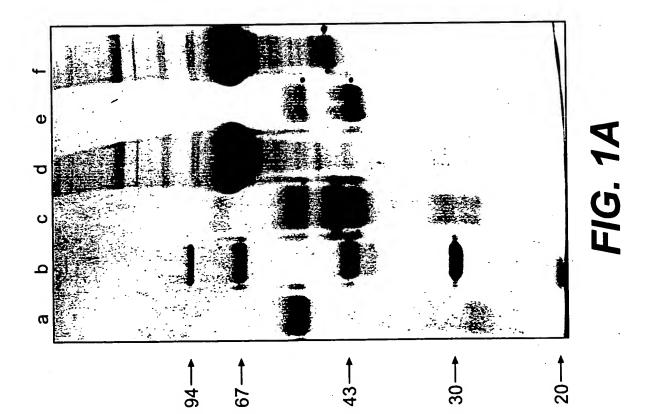
DR01006 DR27006 DR03006 DR11006 DR11006 DR16006 DR19006 DR07006 DR20006 DR20006 DR21006 DR21006 DR21006 DR21006 DR21006 DR21006 DR02006	GAAACCTGAGGACACGGCGATGTATTACTGTAAAAC-AGCCCTAC GAAACCTGAGGACACGGCGATGTATTACTGTAAAAT-AGATTC AACCCCTGAAGACACGGCTACGTATTACTGTGCGGCGGTCCCAGCCC GCAACCTGAGGATACGGCCACCTATTACTGCGCGGCAAGACTGACGG GCAACCTGAGGACACGGCCACCTATTACTGCGCGCGCAAGACTGACGG GAAACCTGAGGACACGGCCATCTACTTCTGTGCAGCAGGCTC GACACCTGAGGACACGGCCATCTATTACTGTGCGCGAACCAG GAAACCTGAGGACACGGCCATCTATTACTGTGCGCGG-CGGATAGTCCA GAAACCTGAGGACACGGCCATGTATTACTGCGCGGTAGATGGTTGGACCC CAAACCTGAGGACACGGCCATGTATTACTGTGCGCGTAGATGTTGGACCC CAAACCTGAGGACACGGCCATGTATTACTGTGCGCTGCAAATCAATTAGC GAACCTGAGGACACGGCCATGTATTACTGTGCGCAGAATCACCGGACCC GAACCTGAGGACACGGCCATCTATTACTGTGCGGCAGATTG GAAACCTGAGGACACGGCCATCTATTACTGTGCGGCAGCGGACCC GCAACCTGAGGACACGGCCATCTATTACTGTGCGGCCAGCAA GAAACCCGAGGACACGGCCATCTATTACTGTGCGGCCAGCAA
DR01006 DR27006 DR03006 DR11006 DR14006 DR16006 DR19006 DR07006 DR20006 DR25006 DR25006 DR21006 DR21006 DR17006 DR17006 DR13006 DR13006 DR02006	A-ACCTGGGGGTTATTGTGGGTAGTACCCGTGCCATCTCCTTGATG-ACTTGGGACCTGTACCCGTGCCATCTCCTTGATG-ACTTGGGGCCTTGTGATGGGCGACCTTAGCGACAAGGAC-GAGATGGGGGGCTTGTGATGGGAGATGGGCGACCTTAGCGACAAGGAC-GGGTTTTT-CTAGTCCTGTTGGGAGCACTTC-TAGACTCGAAAGTAGTAGTTTTTACTGGTACTGCAC
DR01006 DR27006 DR03006 DR11006 DR16006 DR19006 DR16006 DR20006 DR20006 DR20006 DR21006 DR21006 DR21006 DR17006 DR17006 DR13006 DR13006	TGGGTANTGCCTCTGGGGCCAGGGGACCCAGGTCACCGTCTCCTCACTTCTGGGGCCAGGGGACCCAGGTCACCGTCTCCTCACT AAAAAGTATAAGTACTGGGGCCAGGGGACCCAGGTCACCGTCTCCTCACT TTTGCGTATAACTACTGGGGCCGGGGGACCCAGGTCACCGTCTCCTCACT TTTGCGTATAACTACTGGGGCCGGGGGACCCAGGTCACCGTCTCCTCACT CGA-CT-ATAACTATTGGGGCCAGGGGACCCAGGTCACCGTCTCCTCACT CGC-CTTATAACGTCTGGGGTCAGGGGACCCAGGTCACCGTCTCCTCACT CTGGGGCCAGGGGACCCAGGTCACCGTCTCCTCACT CTGGGGCCAGGGGACCCAGGTCACCGTCTCCTCACT CTGGG

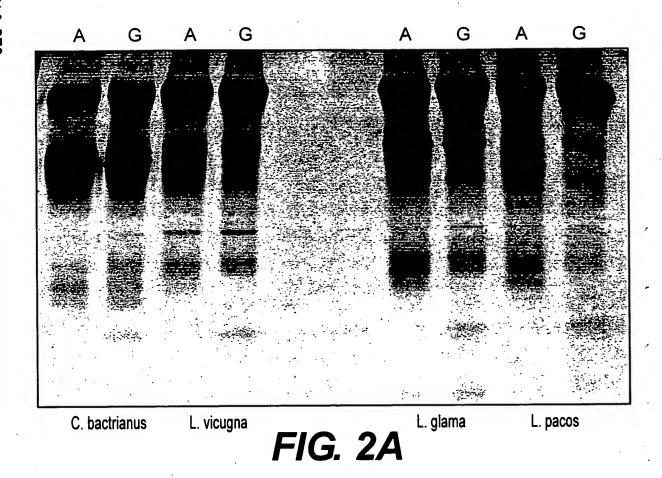


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TA
TA

FIG. 7D







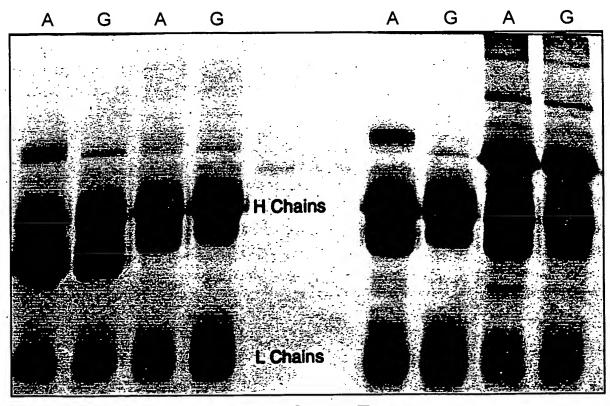
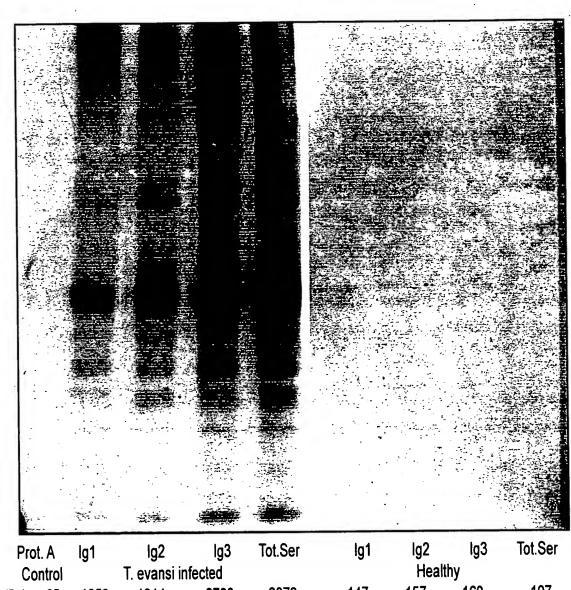


FIG. 2B



- 147 Counts/5ul

FIG. 3A

Ig1 lg2 lg3
T. evansi infected
Ponceau Red

FIG. 3C

